

Title (en)

Apparatus for processing fluid and method of driving the same.

Title (de)

Gerät zur Behandlung einer Flüssigkeit und Methode für den Antrieb.

Title (fr)

Appareil pour traiter un fluide et méthode d'actionnement.

Publication

**EP 0378225 A2 19900718 (EN)**

Application

**EP 90100577 A 19900112**

Priority

- JP 706889 A 19890113
- JP 9355889 A 19890413

Abstract (en)

Fluid in- and out-flow spaces (4, 5) are provided for fluid inlet and outlet (16a, 16b) of a fluid processor (3) accommodated in housing (1). Further, pair wall means (6, 11) defining the fluid in- and out-flow spaces, a flexible member (6) provided for deformation on at least one of the wall means, an operation chamber (8) provided in correspondence to the flexible member, fluid pressure supply means for fluid pressure for reciprocating the flexible member and port on-off means for reverse flow prevention to direct flow of fluid from the fluid in-flow space to the fluid out-flow space are provided. Reciprocal operation of the flexible member generates fluid pressure variation in the fluid in-and out-flow spaces, thus causing flow of said fluid processor.

IPC 1-7

**A61M 1/10; A61M 1/14**

IPC 8 full level

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CPC (source: EP US)

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Cited by

WO2008104353A1; EP3590558A1; EP0637989A4; DE102011100439A1; EP1398047A1; EP2786772A1; US11793918B2; WO2012150233A1; US8398858B2

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